



# MEMORANDUM

## City of Venice

### Utilities Department

TO: Ed Lavalley, ICMA-CM, MPA, City Manager

THROUGH: Javier A. Vargas, MPA, Utilities Director

FROM: Tim Merritt, Maintenance Supervisor

DATE: September 6, 2019

COUNCIL APPROVAL: Yes

MEETING DATE: September 24, 2019

STRATEGIC PLAN GOAL: Upgrade and Maintain City Infrastructure and Facilities

SUBJECT: Evoqua Water Technologies – Odor Control Chemicals FY2020 Purchase

Background: In the modern world of wastewater treatment, control of offensive odors has moved from an afterthought to a primary consideration for most collection and treatment plants. The City has used chemical scrubbers systems, injecting Alkagen and Bioxide Plus 71, to treat odors at various lift stations. As the attention paid to odor control has increased, so has the number of odor technologies that are available in the marketplace. After evaluating qualitative characteristics, cost and sustainable properties, Utilities staff has decided to transition at one of our largest lift stations from a chemical scrubber (injection of a chemical) to a bio-filter system to treat odorous compounds. It is our intent to continue to use these two chemicals where applicable and to add the latest proven technology as needed to minimize or eliminate nuisance odors at our facilities. In order to achieve this, we need to purchase the aforementioned odor control chemicals and lease an engineered or customized bio-filter unit. Based on research, Utilities staff has determined the best unit price that met the City's needs was through a cooperative purchase with Lee County for this fiscal year. Due to the total annual cost exceeding \$150,000, Utilities is requesting Council approval for this purchase/lease option.

#### Benefits of Bio-filter Unit:

Transition to a sustainable system with a performance guarantee by vendor, safer environment for Utilities staff, prevents corrosion of sewer collection system, savings of approximately \$50K/year.

Requested Action: We request Council's approval to continue with the cooperative purchase between Evoqua Water Technologies and Lee County for odor control chemicals and treatment in the amount of \$230,000.00 for fiscal year 2020.

If for an agenda item, this document and any associated backup created by City of Venice staff has been reviewed for ADA compliance: Yes

City Attorney Review/Approved: N/A

Risk Management Review: N/A

Finance Department Review/Approved: N/A

Funds Availability (account number): 421-1204-535.52-02

**ORIGINAL(S) ATTACHED:** Contract

Cc: Peter Boers, Procurement Manager